

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001415

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: H05B 41/16, H02M 3/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 DWPI, esp@cenet IPC: H05B-31/-,33/-,35/-,37/-,39/-,41/-,43/-; H02M-3/-,7/-,11/-; H01J-61/-,63/-,65/-; G05F & keywords: LIGHT, SWITCHED MODE, POWER SUPPLY, DUTY CYCLE, COIL, REGULATE and other terms and phrases.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1001520 A2 (SONY CORPORATION TOKYO (JP)) 17 May 2000 See whole document	1-21
X	WO2001/086796 A1 (SONY CORPORATION) 15 November 2001 See whole document	1-21
X	WO 2002/039570 A1 (PARK JOON-HO) 16 May 2002 See whole document	1-21
X	US 5625538 A (LEE ET AL) 29 April 1997 See whole document, especially abstract, Fig.3, column 3 line 60 - column 5 line 16, column 8 line 47 - column 9 line 30.	1-21

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"B"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search  
14 December 2004

Date of mailing of the international search report

06 JAN 2005

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaaustralia.gov.au  
Facsimile No. (02) 6285 3929

Authorized officer

**BAYER MITROVIC**  
Telephone No : (02) 6283 2164

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C (Continuation).. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2688359 A (ENERTRONIC) 10 September 1993 See abstract from esp@cenet and machine translation of the original document.	1-21
X	GB 2261779 A (TOKYO ELECTRIC CO LTD) 26 May 1993 See whole document.	1-21
X	US 5298836 A (BACKMUND ET AL) 29 March 1994 See whole document, especially abstract and Fig.1-7	1-21
X	US 5696670 A (ROEDERER ET AL) 9 December 1997 See whole document, especially abstract and Fig.1	1-21
X	Derwent Abstract Accession No. 2003-271861/27, Class U12, JP 2003047242 A (SANKEN DENKI KK) 14 February 2003 See abstract.	1-21
X	Derwent Abstract Accession No.98-575792/49, Class X26, JP 10257765 A (ORIGIN ELECTRIC CO LTD) 25 September 1998 See abstract.	1-21
X	Derwent Abstract Accession No.96-169547/17, Class U21 U24, JP 08051774 A (NEC CORP) 20 February 1996 See abstract.	1-21

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/AU2004/001415**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
EP	1001520	JP	2000152617	KR	2000035380	US	6317337
WO	0186796	AU	44319/00	BR	0012366	CA	2379089
		EP	1281233	PL	353320	US	6587358
WO	0239570	AU	14363/02	KR	2002036166		
US	5625538	DE	4412544	JP	6327247	NL	9400580
FR	2688359						
GB	2261779	JP	5161366	JP	5211774	JP	5284757
		JP	5336755	JP	10108473	US	5331534
US	5298836	DE	4128314	EP	0529551		
US	5696670						
JP	2003047242						
JP	10257765						
JP	8051774						

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX